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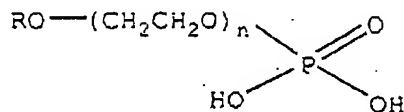
WHAT ARE CLAIMED ARE:

1. A ballpoint pen oil-based ink composition,
comprising
a coloring material,
an oil-based solvent,
at least one phosphoric acid ester having
an acid value of 90 to 600, and
at least one weakly cationic component
selected from the group consisting of:

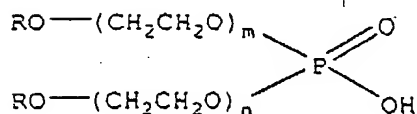
- a) imidazoline-type activator,
- b) polyoxyethylene alkylamine,
- c) polyoxyethylene alkylamide, and
- d) alkylalkanolamide.

2. The ballpoint pen oil-based ink composition
according to claim 1, wherein said phosphoric acid ester
comprises a phosphoric acid monoester, a phosphoric acid
diester, a phosphoric triester or a mixture thereof, said
phosphoric acid monoester, phosphoric acid diester and
triester being represented by the following formula:

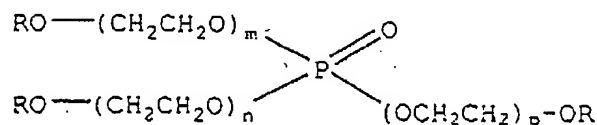
Monoester



Diester



Triester

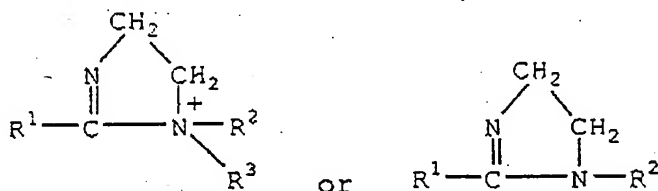


wherein

n, m, p: each an average addition molar number (n,
m, p ≥ 0, preferably 10 ≥ n, m ≥ 0, p ≥ 0) of ethylene oxide; and
R: each independently an alkyl group or
alkylphenol group having from 3 to 30, preferably from 10

to 20, carbon atoms.

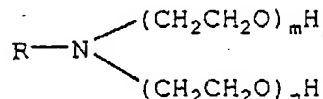
3. The ballpoint pen oil-based ink composition according to claim 1, wherein said imidazoline-type activator has a structure represented by the following formula or an imidazoline derivative:



wherein

- R¹: H or an alkyl or alkylphenol group having from 1 to 30, preferably from 10 to 20, carbon atoms;
 R²: a hydroxylalkyl group having from 1 to 30, preferably from 10 to 20, carbon atoms; and
 R³: CH₂COO⁻/carboxylate group.

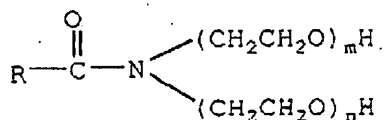
4. The ballpoint pen oil-based ink composition according to claim 1, wherein said polyoxyethylene alkylamine has a structure represented by the following formula:



wherein

- R: H or an alkyl or alkylphenol group having from 1 to 30 carbon atoms; and
 n, m ≥ 1, preferably n, m ≥ 2, more preferably n, m ≥ 5.

5. The ballpoint pen oil-based ink composition according to claim 1, wherein said polyoxyethylene alkylamide has a structure represented by the following formula:



wherein

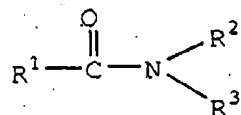
- R: H or an alkyl or alkylphenol group having from 1

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to 30 carbon atoms; and

$n, m \geq 1$, preferably $n, m \geq 2$, more preferably $n, m \geq 4$.

6. The ballpoint pen oil-based ink composition according to claim 1, wherein said alkylalkanolamide has a structure represented by the following formula:



wherein

R^1 : an alkyl or alkylphenol group having from 1 to 30 carbon atoms, preferably from 10 to 20 carbon atoms;

R^2 : H or an alkyl or hydroxyalkyl group having from 1 to 30 carbon atoms, preferably from 10 to 20 carbon atoms; and

R^3 : H or an alkyl or hydroxylalkyl group having from 1 to 30 carbon atoms, preferably from 10 to 20 carbon atoms.

7. The ballpoint pen oil-based ink composition according to claim 1, wherein said phosphoric acid ester is contained in an amount of 0.1 to 15.0% by weight of the composition.

8. The ballpoint pen oil-based ink composition according to claim 1, wherein said weakly acid component is contained in an amount of 0.1 to 15.0% by weight of the composition.

9. The ballpoint pen oil-based ink composition according to claim 1, wherein said oil-based solvent comprises as a main solvent, at least one solvent selected from the group consisting of alcohols, polyhydric alcohols and glycol ethers each having a vapor pressure at 25°C of 0.001 mmHg or more.

10. The ballpoint pen oil-based ink composition according to claim 1, wherein said oil-based solvent comprises as a main solvent, at least one solvent selected from the group consisting of alcohols, polyhydric alcohols and glycol ethers each having a vapor

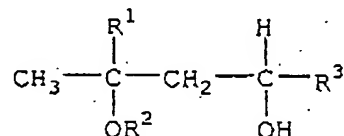
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pressure at 25°C of 0.01 mmHg or more.

11. The ballpoint pen oil-based ink composition according to claim 1, further comprising a resin in an amount of 1 to 30% by weight of the composition.

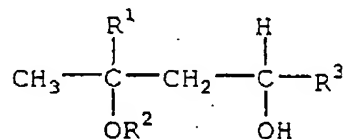
12. The ballpoint pen oil-based ink composition according to claim 1, wherein said oil-based solvent comprises a solvent having a chemical structure represented by $C_nH_{2n+1}OC_3H_7OH$ where n is an integer of 1 to 3 as a main solvent and an auxiliary solvent having a vapor pressure lower than that of said main solvent and having a viscosity of 1 to 50 mPa·s; said ink composition further comprises a resin soluble in at least one of said main and auxiliary solvents, said ink composition having a viscosity of 800 to 10,000 mPa·s at 25°C.

13. The ballpoint pen oil-based ink composition according to claim 1, wherein said oil-based solvent comprises a propylene glycol monoethyl ether and one or more compounds having the following chemical formula:



where R^1 , R^2 and R^3 each is independently H or CH_3 , said ink composition further comprises a resin soluble in said mixed solvent, said ink composition having a viscosity of 800 to 6,000 mPa·s at 25°C.

14. The ballpoint pen oil-based ink composition according to claim 1, wherein said oil-based solvent comprises one or more compounds having the following chemical formula:



where R^1 , R^2 and R^3 each is independently H or CH_3 , said ink composition further comprises a resin soluble in said solvent, said ink composition having a viscosity of

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700 to 8,000 mPa·s at 25°C.

5 15. A ballpoint pen comprising an ink holder, the ballpoint pen oil-based ink composition according to claim 1 in said ink holder, and an ballpoint pen tip provided at an end of the ink holder.

16. The ballpoint pen according to claim 15, further comprising an ink follower provided in said ink holder at another end of the ink composition opposite to the ballpoint pen tip.

10 17. The ballpoint pen according to claim 15, wherein said ballpoint pen tip comprises a ceramic micro ball.

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